



July 14, 2017

Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, SW
Washington, DC 20510

Jeffrey A. Marks
Government Relations
Nokia

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Re: *Notice of Ex Parte Presentation, Use of Spectrum Bands Above 24 GHz for Mobile Radio Service, et al.*, GN Docket No. 14-177; IB Docket Nos. 15-256 and 97-95; RM-11664; WT Docket No. 10-112

Dear Ms. Dortch:

On July 12, 2017, Amitava Ghosh, Mark Cudak, Prakash Moorut, Ghaith Hattab, Tom Kovarik, Eugene Visotsky, and Fred Vook (by telephone) and the undersigned (in person), all of Nokia, met with Commission staff (listed below) to discuss the potential coexistence of mobile operations in the 70 GHz band with incumbent fixed uses in the band.¹ The attached presentation served as the basis of our discussion.

The presentation demonstrates that the typical geometry of deployments of incumbent fixed use and proposed mobile use (including, respective antenna heights and tilt angles), passive mitigation techniques such as strategic location of base stations, as well as active mitigation techniques combine to alleviate interference concerns between proposed 70 GHz mobile services and incumbent fixed services.

Please contact the undersigned with any questions in connection with this submission.

Respectfully submitted,

/s/ Jeffrey A. Marks

Jeffrey A. Marks

Attachment

¹ This presentation supplements Nokia's prior advocacy regarding the 70/80 GHz bands, documented in a *Notice of Ex Parte* submitted in this proceeding on June 5, 2017.

cc: Wireless Telecommunications Bureau/Office of Engineering and Technology

Julius Knapp
Bahman Badipour
Simion Banyai
Kamila Benzina
Stephen Buenzow (by telephone)
Brian Butler
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Tim Hilfiger (by telephone)
Walter Johnston (by telephone)
Ira Keltz
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